

## INTERNATIONAL SEARCH REPORT

Interns Application No  
PCT/LA2004/000159

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04L12/437

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 211 849 A (SCHNEIDER AUTOMATION INC) 5 June 2002 (2002-06-05) abstract; figures 1,2 paragraph '0015! - paragraph '0021! -----	1-9
X	US 5 473 752 A (BEISTLE ET AL) 5 December 1995 (1995-12-05) abstract; figure 1 column 3, line 29 - column 4, line 49 -----	1-9
A	EP 1 069 733 A (CNH U.K. LIMITED; NEW HOLLAND U.K. LIMITED) 17 January 2001 (2001-01-17) the whole document ----- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

8 July 2005

Date of mailing of the international search report

28/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

DE LA PENA ALVAREZ

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CLARK R ET AL: "RS-232C/422/485 LINE ISOLATION SOLVES MORE THAN FAULT PROBLEMS" EDN ELECTRICAL DESIGN NEWS, ROGERS PUB. CO., ENGLEWOOD, COLO, US, vol. 40, no. 20, 28 September 1995 (1995-09-28), pages 103-106,108,11, XP000548120 ISSN: 0012-7515 the whole document</p> <p>-----</p>	5,9

Information on patent family members

International Application No  
PC 1/LA2004/000159

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1211849	A	05-06-2002	AU 5191401 A	20-12-2001
			CA 2350346 A1	15-12-2001
			EP 1211849 A2	05-06-2002
			JP 2002140139 A	17-05-2002
			US 2002041601 A1	11-04-2002
US 5473752	A	05-12-1995	NONE	
EP 1069733	A	17-01-2001	EP 1069733 A2	17-01-2001